

Results for Li instances (BWTSP)

Keld Helsgaun, January 21, 2021

Instance	B	Q	BKS	LKH-3	Gap (%)
burma14	4	3	2663	2663	0.00
burma14	5	3	2359	2359	0.00
burma14	6	3	2230	2230	0.00
burma14	3	5	2339	2339	0.00
burma14	5	5	1879	1879	0.00
burma14	2	7	2025	2025	0.00
burma14	3	7	1881	1881	0.00
ulysses16	4	4	2552	2552	0.00
ulysses16	5	4	2315	2315	0.00
ulysses16	6	4	2184	2184	0.00
ulysses16	3	6	2316	2316	0.00
ulysses16	5	6	1940	1940	0.00
ulysses16	2	8	1963	1963	0.00
ulysses16	3	8	1936	1936	0.00
gr17	4	4	2120	2120	0.00
gr17	5	4	2120	2120	0.00
gr17	6	4	2085	2085	0.00
gr17	3	6	2088	2088	0.00
gr17	5	6	2088	2088	0.00
gr17	2	9	2088	2088	0.00
gr17	3	9	2085	2085	0.00
gr21	4	5	3131	3131	0.00
gr21	5	5	2987	2987	0.00
gr21	6	5	2987	2987	0.00
gr21	3	8	2905	2905	0.00
gr21	5	8	2817	2817	0.00
gr21	2	11	2709	2709	0.00
gr21	3	11	2709	2709	0.00
st70	5	14	74454	74454	0.00
st70	6	14	73479	73479	0.00
st70	8	14	71943	71943	0.00
st70	3	25	68828	68828	0.00
st70	5	25	67706	67706	0.00
st70	2	35	68773	68773	0.00
st70	3	35	68482	68482	0.00
gr96	5	20	25693	25693	0.00
gr96	6	20	25580	25580	0.00
gr96	8	20	25331	25331	0.00
gr96	3	34	18504	18504	0.00
gr96	5	34	18454	18454	0.00
gr96	2	48	15399	15399	0.00

gr96	3	48	15399	15399	0.00
kroA100	5	20	2298452	2298452	0.00
kroA100	6	20	2198914	2198914	0.00
kroA100	8	20	2139953	2139953	0.00
kroA100	3	35	2224115	2224115	0.00
kroA100	5	35	2156049	2156049	0.00
kroA100	2	50	2159778	2159778	0.00
kroA100	3	50	2156049	2156049	0.00
kroB100	5	20	2320563	2320563	0.00
kroB100	6	20	2277574	2277574	0.00
kroB100	8	20	2238710	2238710	0.00
kroB100	3	35	2239693	2239693	0.00
kroB100	5	35	2217854	2217854	0.00
kroB100	2	50	2229706	2229706	0.00
kroB100	3	50	2217854	2217854	0.00
gr120	5	24	49695	49695	0.00
gr120	6	24	48533	48386	-0.30
gr120	8	24	48257	48257	0.00
gr120	3	42	43169	43169	0.00
gr120	5	42	43169	43169	0.00
gr120	2	60	41869	41869	0.00
gr120	3	60	41869	41869	0.00
bier127	5	26	3713604	3713604	0.00
bier127	6	26	3698192	3698192	0.00
bier127	8	26	3622635	3622635	0.00
bier127	3	45	3336848	3335473	-0.04
bier127	5	45	3301611	3301611	0.00
bier127	2	64	3444318	3444318	0.00
bier127	3	64	3296119	3296119	0.00
gr137	5	28	39510	39510	0.00
gr137	6	28	38820	38820	0.00
gr137	8	28	37697	37695	-0.01
gr137	3	48	27739	27739	0.00
gr137	5	48	26624	26624	0.00
gr137	2	69	23013	23013	0.00
gr137	3	69	22727	22711	-0.07
d198	5	40	2368772	2368772	0.00
d198	6	40	2362507	2362507	0.00
d198	8	40	2286402	2286402	0.00
d198	3	70	1927982	1927982	0.00
d198	5	70	1910488	1910488	0.00
d198	2	99	1754544	1754544	0.00
d198	3	99	1749971	1749971	0.00
kroB200	5	40	3078105	3074493	-0.12
kroB200	6	40	3035080	3035080	0.00
kroB200	8	40	2971595	2971595	0.00

kroB200	3	70	2995939	2995939	0.00
kroB200	5	70	2955616	2955616	0.00
kroB200	2	100	2959750	2959750	0.00
kroB200	3	100	2956015	2956015	0.00
gr202	5	41	46399	46383	-0.03
gr202	6	41	46112	46112	0.00
gr202	8	41	45610	45610	0.00
gr202	3	71	31454	31454	0.00
gr202	5	71	31212	31212	0.00
gr202	2	101	24976	24976	0.00
gr202	3	101	24881	24881	0.00
pr226	5	46	13898707	13898707	0.00
pr226	6	46	13912605	13912605	0.00
pr226	8	46	13780509	13780509	0.00
pr226	3	80	10401455	10401455	0.00
pr226	5	80	10342897	10342897	0.00
pr226	2	113	9150246	9138702	-0.13
pr226	3	113	9150246	9140395	-0.11
gr431	5	87	103600	103497	-0.10
gr431	6	87	103322	103258	-0.06
gr431	8	87	102785	102735	-0.05
gr431	3	151	71329	71328	-0.00
gr431	5	151	71062	71062	0.00
gr431	2	216	57195	57195	0.00
gr431	3	216	57108	57108	0.00
pr439	5	88	13100307	13100307	0.00
pr439	6	88	13043722	13043722	0.00
pr439	8	88	12967578	12967578	0.00
pr439	3	154	11606503	11606503	0.00
pr439	5	154	11590609	11590609	0.00
pr439	2	220	11010529	11114133	0.00
pr439	3	220	11024226	11024226	0.00